



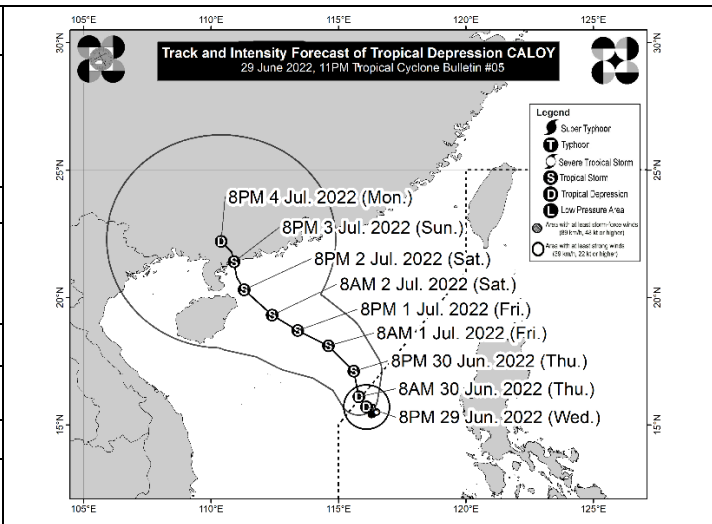
**TROPICAL CYCLONE BULLETIN NO. 5**  
**Tropical Depression "CALOY"**

Issued at 11:00 PM, 29 June 2022

Valid for broadcast until the next bulletin at 5:00 AM tomorrow

**"CALOY" SLIGHTLY INTENSIFIES AS IT SLOWLY MEANDERS OVER THE WEST PHILIPPINE SEA**

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| <b>Location of Center (10:00 PM)</b>   |
| The center of Tropical Depression "CALOY" was estimated based on all available data at <b>430 km West of Iba, Zambales (15.7°N, 116.0°E)</b> |
| <b>Intensity</b>   |
| Maximum sustained winds of <b>55 km/h</b> near the center, gustiness of up to <b>70 km/h</b> , and central pressure of <b>998 hPa</b>        |
| <b>Present Movement</b>  |
| <b>Westward slowly</b>   |
| <b>Extent of Tropical Cyclone Winds</b>  |
| <b>Strong winds</b> extend outwards up to <b>200 km</b> from the center  |



**TRACK AND INTENSITY FORECAST**

| Date and Time                                       | Center Position |           |  | Intensity  |      | Movement dir. and speed (km/h) |
|---|-----------------|-----------|--|------------|------|--------------------------------|
|   | Lat. (°N)       | Lon. (°E) | Location   | MSW (km/h) | Cat. |                                |
| <b>12-Hour Forecast</b><br>8:00 AM<br>30 June 2022  | 16.1            | 115.8     | 485 km West of Dagupan City, Pangasinan<br>(Outside the PAR) | 55         | TD   | NW slowly                      |
| <b>24-Hour Forecast</b><br>8:00 PM<br>30 June 2022  | 17.1            | 115.6     | 510 km West of Sinait, Ilocos Sur<br>(Outside the PAR)       | 65         | TS   | N 10                           |
| <b>36-Hour Forecast</b><br>8:00 AM<br>01 July 2022  | 18.1            | 114.6     | 615 km West of Sinait, Ilocos Sur<br>(Outside the PAR)       | 65         | TS   | NW 15                          |
| <b>48-Hour Forecast</b><br>8:00 PM<br>01 July 2022  | 18.7            | 113.4     | 760 km West of Laoag City, Ilocos Norte<br>(Outside the PAR) | 75         | TS   | WNW 10                         |
| <b>60-Hour Forecast</b><br>8:00 AM<br>01 July 2022  | 19.3            | 112.4     | 955 km West of Extreme Northern Luzon<br>(Outside the PAR)   | 75         | TS   | WNW 10                         |
| <b>72-Hour Forecast</b><br>8:00 PM<br>02 July 2022  | 20.3            | 111.3     | 1,115 km West of Extreme Northern Luzon<br>(Outside the PAR) | 75         | TS   | NW 15                          |
| <b>96-Hour Forecast</b><br>8:00 PM<br>03 July 2022  | 21.4            | 110.9     | 1,140 km West of Extreme Northern Luzon<br>(Outside the PAR) | 65         | TS   | NNW slowly                     |
| <b>120-Hour Forecast</b><br>8:00 PM<br>04 July 2022 | 22.2            | 110.4     | 1,195 km West of Extreme Northern Luzon<br>(Outside the PAR) | 45         | TD   | NNW slowly                     |

Prepared by: RFG

Checked by: SFD



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**HAZARDS AFFECTING LAND AREAS**

**Heavy Rains**

- In the next 24 hours, the monsoon trough and the Southwest Monsoon enhanced by Tropical Depression “CALOY” will bring **monsoon rains** over the western sections of Luzon and Visayas. For more information, refer to **Weather Advisory No. 8 for Southwest Monsoon** issued at 11:00 PM today.

**Severe Winds**

- No tropical cyclone wind signal is currently hoisted for this tropical cyclone.
- The Southwest Monsoon enhanced by this tropical depression will bring **occasionally gusty conditions** reaching strong breeze to near gale in strength over Extreme Northern Luzon, and the western sections of Luzon and Visayas. These conditions are more likely in coastal and mountainous/upland localities of these areas.

**HAZARDS AFFECTING COASTAL WATERS**

The Southwest Monsoon enhanced by “CALOY” will bring **moderate to rough seas (1.5 to 3.7 m)** over the seaboard of Northern Luzon and the western seaboard of Central and Southern Luzon. **These conditions may be risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

**TRACK AND INTENSITY OUTLOOK**

- Tropical Depression “CALOY” is forecast to move generally northwestward slowly until tomorrow (30 June) morning before slightly accelerating northward for the remainder of tomorrow. On the forecast track, the tropical depression will exit the Philippine Area of Responsibility (PAR) within the next 24 hours. Outside the PAR region, “CALOY” will track northwestward or west northwestward over the West Philippine Sea on Friday (1 July) and Saturday (2 July). The tropical depression will then move slowly north northwestward on Sunday and Monday towards the southern portion of China, where it is forecast to make landfall.
- “CALOY” is forecast to reach tropical storm category in the next 24 hours. A peak intensity of around 75 km/h may be reached by Friday evening or Saturday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM tomorrow.

**DOST-PAGASA**

Prepared by:  RPS

Checked by:  SFD